Project Discovery

Background

Project Discovery is an Anglian Water project and is supported by MOSL and five other wholesalers (Affinity, Portsmouth, Southern, Thames and Yorkshire), as well as two retailers - Everflow and Wave, funded through the Market Improvement Fund scheme.
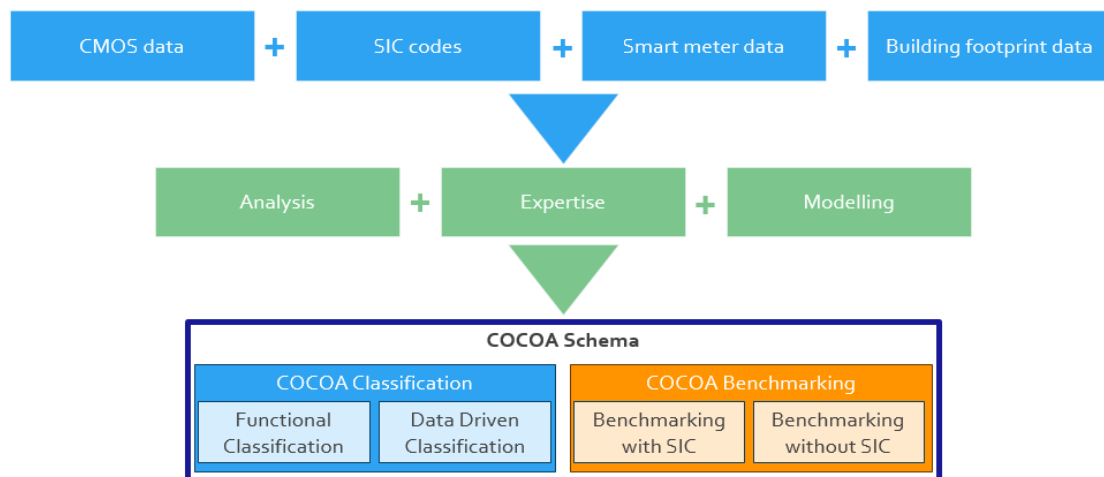
The key project objectives were:

1. develop new segmentation methods with aims of predicting non-household water consumption at a property level and,

2. Test the value of water consumption benchmarking in identifying and driving targeted water savings in a defined number of business sectors. These business sectors are Education, Healthcare, Horticulture, Agriculture, Food & Drink Production, Leisure & Tourism and Government Buildings. Given the broad scope, included in the project is a requirement to carry out a review of related work to date, to ensure previous learnings are utilised as part of the project delivery, identifying any significant gaps.

Following a competitive tender Artesia Consulting were appointed as the delivery partner. A key input for project delivery is the provision of granular consumption data (AMI smart meter reads and 15 min logger data) from Wholesalers (AW, Thames, Yorkshire and Affinity).

Outcome

The outcome is a new segmentation method and tool called COCOA
- **Co**mmercial **Co**nsumption **A**nalysis.

COCOA was developed using a range of data, insight and expertise

This provides an improved understanding of water consumption across NHH customers by industry sector.

1. The Project developed a schema specifically to classify non-household properties based on how they use water, when and how much.
2. It looks across all categories, at a national level, without the need for direct contact with businesses e.g. surveys and field visits
3. It Is free and accessible to a wide audience of stakeholders
4. Uses an excel tool has designed with the end user in mind
5. The benchmarking system will provide users with opportunities to identify 'outliers' to help prioritise activities (e.g. targeted water efficiency interventions)

The full technical report is here: Anglian Water Project Discovery Final Report 20240313
Excel spreadsheet benchmarking tool is here: Project Discovery - COCOA Schema

Next Steps

1. We encourage Wholesalers use the tool, evaluate it and provide feedback to jbarnes2@anglianwater.co.uk and liz.darcy@mosl.co.uk
2. User groups will be arranged to review the feedback and identify improvements
3. An extension to the project has been commissioned and funded by MOSL to investigate the potential enhancement of the tool utilising ABP data as an additional or alternative to SIC